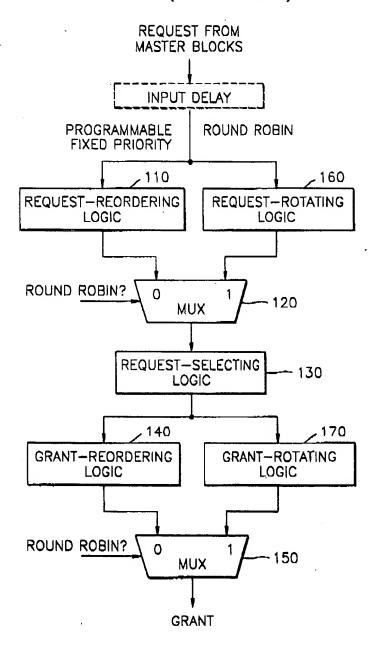
FIG. 1 (PRIOR ART)



END GRANT TO MASTER 3 GRANT TO MASTER 0 GRANT TO MASTER 1 GRANT TO MASTER 2 REORDER GRANT S240 GNT 0 GNT 2 GNT GNI SELECT REQUEST HIGHER PRIORITY REQ 0 REQ 2 REQ 3 REQ 1 S230 MASTER 1 | MASTER 2 | MASTER 0 | MASTER 3 HPRIF 0 HPRIF 1 REQ 2 REQ 3 REQ 0 REQ 1 START HPRIF 2 REORDER REQUEST S220 REQUEST FROM MASTER 1 REQUEST FROM MASTER 3 REQUEST FROM MASTER 0 REQUEST FROM MASTER 2 HPRIF 3 HPRIF

FIG. 2 (PRIOR ART)

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END GRANT TO MASTER 0 GRANT TO MASTER 2 GRANT TO MASTER 3 GRANT TO MASTER 1 ROTATE GRANT S340 GNT 0 GNT 2 GNT 3 GNT 1 FIG. 3 (PRIOR ART) SELECT REQUEST HIGHER PRIORITY REQ 0 REQ 2 REQ 3 S330 REQ -5310 REQ 2 REQ 0 REQ 3 REQ 1 ROTATE REQUEST S320 REQUEST FROM MASTER 0 REQUEST FROM MASTER 1 REQUEST FROM MASTER 2 REQUEST FROM MASTER 3 START POINTER

FIG. 4 (PRIOR ART)

HIPRIF3	HIPRIF2	HIPRIF1	HIPRIF0
master3	master2	master1	master0

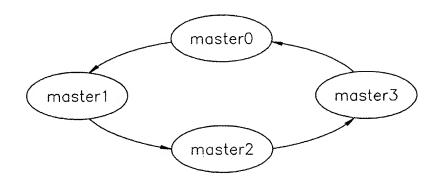
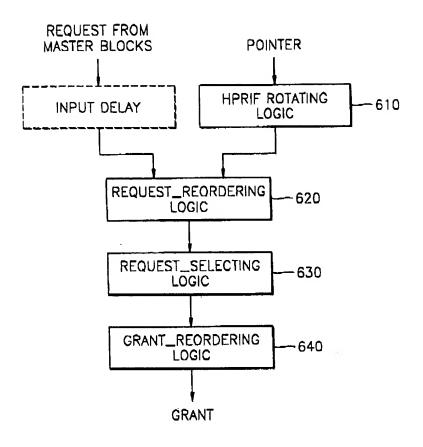
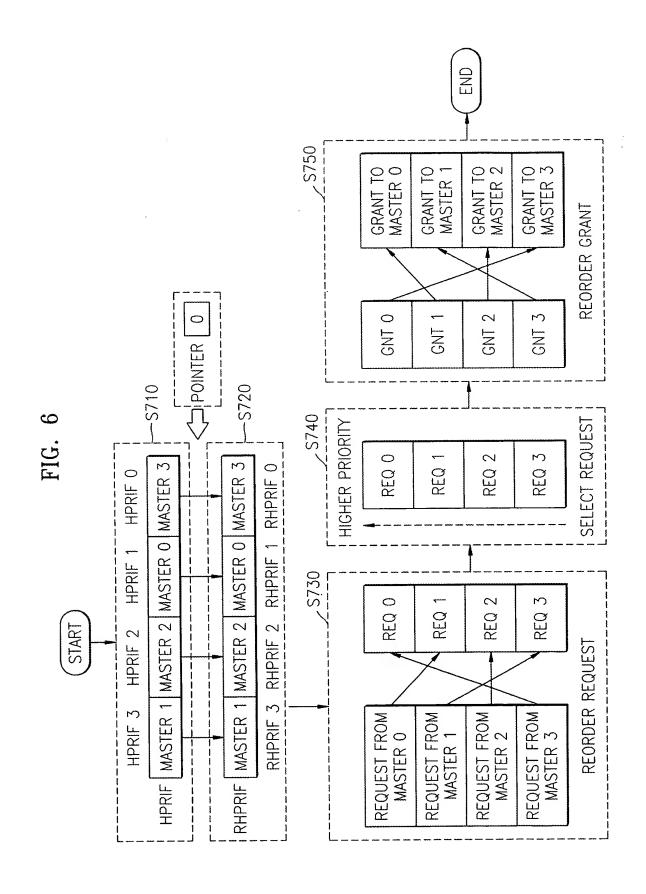
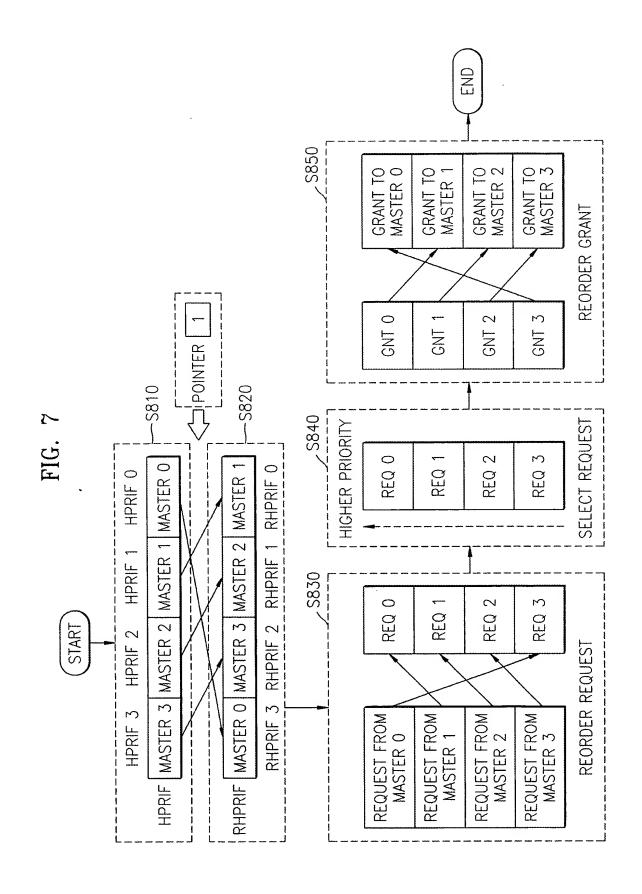


FIG. 5







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FIG. 8

HIPRIF3	HIPRIF2	HIPRIF1	HIPRIF0
master3	master2	master1	master0

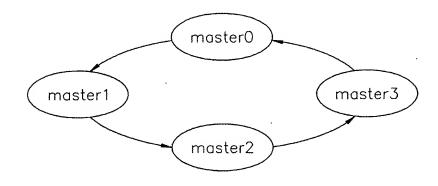


FIG. 9

HIPRIF3	HIPRIF2	HIPRIF1	HIPRIFO
master0	master3	master1	master2

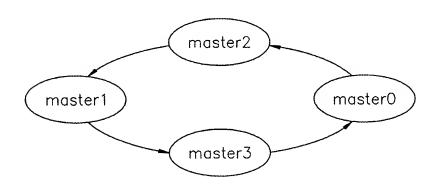


FIG. 10

HIP	RIF3	HIPRIF2	HIPRIF1	HIPRIF0
mas	ster0	master3	master2	master3

